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(54) Title: PHOSPHOR, PRODUCTION METHOD THEREOF AND LIGHT-EMITTING DEVICE USING THE PHOSPHOR

(57) Abstract: A phosphor characterized by being represented by the formula $\text{Eu}_{2-x}\text{Ln}_x\text{M}_y\text{O}_{3(y+1)}$, wherein $0 \leq x < 2$, Y is 2 or 3, Ln represents at least one member selected from among Y, La, and Gd, and M represents at least one member selected from the group consisting of W and Mo. This phosphor is effectively excited by visible light or UV radiation having a wavelength of 220 to 550 nm for a desired light emission, particularly red light emission with a high efficiency. Therefore, the phosphor is advantageously employed in light-emitting devices such as a light-emitting screen, a light-emitting diode, and a fluorescent lamp.



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